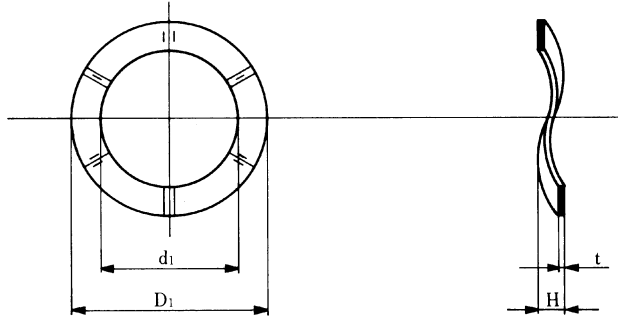


Wave Washers



Unit : mm

Size-No.	d _i		D _i		H		t	
	Basic	Tol.	Basic	Tol.	Basic	Tol.	Basic	Tol.
WW- 4	4.3	+0.3	8	0	1.5	+0.5	0.2	±0.02
5	5.4	-0.15	9	-0.5	1.5	0	0.3	±0.025
6	6.4		11		1.5		0.3	
8	8.5		12.5		2		0.3	
10	10.5		14.5		2		0.3	
12	12.5		17		2.5	-0.7	0.3	
14	14.5		20		2.5	0	0.3	
16	16.7		22.5		2.5		0.3	
18	18.7		26		3		0.3	
20	20.7		29.1		3		0.3	
23	23.5	+0.5	31	0	3.5	+1	0.3	
26	26.4	-0.3	34.2	-0.8	3.5	+1	0.3	
30	30.4		39.3		3.5	-0.5	0.3	
32	33.8		46		4.5		0.3	
38	39	+0.7	51	0	5		0.3	
40	40.6	-0.5	53.5	-1.2	5		0.3	
46	47.5		61		5.5		0.4	±0.03
50	51.4		67.5		5.5		0.4	
53	54		69.8		6		0.45	
60	61.9		79		6.5		0.45	

Unit : mm

Size-No.	d _i		D _i		H		t		Remarks	
	Basic	Tol.	Basic	Tol.	Basic	Tol.	Basic	Tol.	Material	Hardness (HRC)
WW- 6004	6.5	±0.25	10.5	±0.25	0.8	±0.25	0.2	±0.02		
6012	6.8		12.6		0.8		0.15		SUS	43(Min.)
8511	8.5		15.8		1.5		0.3	±0.025	SUS	31(Min.)
9002	9		15		1.5		0.3			38~46
11002	11.6		14.9		1.4		0.15	±0.02		44~52
11003	11.2		17		2.5		0.3	±0.025		
16011	16.7		23.4		2.3	+0.5 0	0.2	±0.02	SUS	42~52
17001	17.5		22.8		2.5	+0.7 0	0.3	±0.025		

●Material=Carbon spring steel. Hardness=HRC40~50. Finish=Phosphate coating.

Note: 1. Free height H shows when 3 waves are at the same height.

2. Internal diameter d_i shows inscribed circle and outer diameter D_i shows circumscribed circle.